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The on-screen version of the Collider-Accelerator Department Procedure is the Official Version.
Hard copies of all signed, official, C-A Operating Procedures are kept on file in the C-A ESHQ Training Office, Bldg. 911A.*

C-A OPERATIONS PROCEDURES MANUAL

8.35 WORKING AT HEIGHT AT BUILDING 1002

Text Pages 2 through 3

Hand Processed Changes

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Approved: *Signature on File*
 Collider-Accelerator Department Chairman Date

P. Ingrassia

8.35 Working at Height at Building 1002

1. Purpose

- 1.1 The purpose of this procedure is to provide response instructions to the MCR staff, in the event that a worker requests access to the area behind the rope barricade on the west side of building 1002.

The area adjacent to the shielding on the west side of building 1002 is posted with signs telling workers to contact the MCR if they need to work in the area behind the postings. The concern is for work at height while beam is circulating in the RHIC. In the case of a beam fault in the vicinity of the interaction point at 2 o'clock, workers on ladders outside 1002 may incur a significant radiation exposure. The OC will prevent beam from circulating in the RHIC while work goes on at height in the affected area.

2. Responsibilities

- 2.1 The Operations Coordinators (OC), and MCR Operators are responsible for the execution of this procedure.
- 2.2 The RSC chairman or his designee may review the machine operating conditions and work locations and allow exceptions to the requirements of paragraph 5.

3. Prerequisites

- 3.1 The OC or an operator is informed of work that must take place at height behind the rope barricade at building 1002

4. Precautions

None

5. Procedure

Note:

The postings adjacent to building 1002C say: ***CONTROLLED AREA, TLD Required. Elevated work within this area requires contact and approval of MCR at x4662 prior to starting.***

- 5.1 When the OC or an operator is informed of a request to work behind the rope barricade on the west side of building 1002, THEN:

5.1.1 Determine if the work will be done at ground level

5.1.1.1 IF the work will be done at ground level THEN instruct the workers to proceed.

5.1.1.2 IF the work will be done at height (on a ladder) AND beam is circulating in the RHIC, THEN the OC will delay the work and contact the worker after beam is removed from the accelerators.

5.1.1.2.1 After beam is removed from the accelerators, the OC will remove a RHIC Controlled Access (CA) key (EB014) from the captured key panel at MCR_2 and instruct the workers to proceed. Also instruct the workers to phone the MCR to report when their work is done.

5.1.1.2.2 IF the RSC Chairman allows exceptions then the requirements for the work will be contained in a work plan or radiation work permit that will be generated by the work group and reviewed by the RSC Chair. A copy of the work plan or radiation work permit will be given to the on-duty operations coordinator.

5.1.1.3 IF an OC shift change occurs while the CA key is held, the off-going OC may transfer the key to the on-coming OC after instructing them that work is going on at height outside building 1002.

5.1.1.4 When the OC is informed that the work has concluded, THEN they will re-insert the EB014 key in the captured key panel in order to permit beam to circulate in the RHIC.

6. Documentation

None

7. References

None

8. Attachments

None